

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/000947

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. <sup>7</sup>: G02B 5/28, H04J 14/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI: G02B/-, H04J 14/- &amp; keywords [filter+, interleav+; cavit+; spacer?]; [filter+, interleav+; ?WDM, +multiplex+; spacer?]; Espace: [G02B 5/28; interleav+]

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 1999/047956 A1 (CIENA CORPORATION) 23 September 1999 Page 9 line 18 – page. 12 line 29, claims 1, 17-19, figures 4-6	1-15, 17-20, 22-24, 28, 29, 38-54, 56-62
X	US 6341040 B1 (TAI et al.) 22 January 2002 Col. 2 line 55 – col. 4 line 4 line 13, figure 1	1-9, 39-48, 59-62
X	US 5233464 A (COSTICH) 3 August 1993 Col. 3 line 6 – col. 4 line 3, figure 1	1-9, 39-48, 59-62
X	EP 1318417 A2 (NORTEL NETWORKS LIMITED) 11 June 2003 Paragraphs [0009]-[0028], figures 1, 4	1, 3-6, 10-14, 39, 42-45, 49-53

☐ Further documents are listed in the continuation of Box C☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
18 October 2004Date of mailing of the international search report  
21 OCT 2004

Name and mailing address of the ISA/AU

AUSTRALIAN PATENT OFFICE  
PO BOX 200, WODEN ACT 2606, AUSTRALIA  
E-mail address: pct@ipaustalia.gov.au  
Facsimile No. (02) 6285 3929

Authorized officer

IRINA TALANINA

Telephone No : (02) 6283 2203

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/000947

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member	
WO	9947956	US	6215592
US	6341040	AU	54708/00
		CA	2338567
		EP	1114349
		US	6275322
US	5233464	EP	0577732
EP	1318417	CA	2413650
		AU	78238/00
		CA	2340777
		US	6169626
		WO	0076104
		CA	2328647
		EP	1103111
		US	6268951
		WO	0101585
		US	5426532
		WO	9216875
		US	2003107811
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.			
END OF ANNEX			